Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070220\
Data File : BN011095.D
Acq On : 02 Jul 2020 20:41
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jul 02 21:13:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 14:12:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1844	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	5512	0.40	ng		0.00
13) Acenaphthene-d10	14.13	164	3098	0.40	ng		0.00
19) Phenanthrene-d10	16.89	188	5952	0.40	ng		-0.01
29) Chrysene-d12	21.10	240	5439	0.40	ng		-0.01
36) Perylene-d12	23.24	264	6166	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	1662	0.36	ng		0.00
5) Phenol-d6	6.72	99	1927	0.37	ng		0.00
8) Nitrobenzene-d5	8.66	82	1895	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.86	152	3669	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.64	330	489	0.38	ng		-0.01
15) 2-Fluorobiphenyl	12.76	172	5498	0.38	ng		0.00
27) Fluoranthene-d10	18.93	212	7101	0.39	ng		0.00
31) Terphenyl-d14	19.55	244	6663	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	916	0.352	ng		93
3) n-Nitrosodimethylamine	3.57	42	495	0.377	ng	#	88
6) bis(2-Chloroethyl)ether	6.97	93	1630	0.340	ng		99
9) Naphthalene	10.32	128	6466	0.393	ng		100
10) Hexachlorobutadiene	10.61	225	1903	0.456	ng	#	96
12) 2-Methylnaphthalene	11.94	142	4252	0.386	ng		99
16) Acenaphthylene	13.85	152	5938	0.382	ng		99
17) Acenaphthene	14.20	154	4059	0.386	ng		99
18) Fluorene	15.20	166	4931	0.375	ng		99
20) 4,6-Dinitro-2-methylphenol	15.31	198	235	0.403	ng		95
21) 4-Bromophenyl-phenylether	16.10	248	1525	0.385	ng		94
22) Hexachlorobenzene	16.20	284	1902	0.408	ng		97
23) Atrazine	16.39	200	1088	0.389	ng		98
24) Pentachlorophenol	16.56	266	496	0.395	ng		93
25) Phenanthrene	16.93	178	7661	0.397	ng		100
26) Anthracene	17.02	178	6074	0.381	ng		99
28) Fluoranthene	18.96	202	8566	0.395	ng		99
30) Pyrene	19.33	202	8469	0.417	ng		100
32) Benzo(a)anthracene	21.09	228	6948	0.382	ng		99
33) Chrysene	21.14	228	8758	0.420	ng		99
34) Bis(2-ethylhexyl)phthalate	21.05	149	2970	0.404	ng		100
35) Indeno(1,2,3-cd)pyrene	25.34	276	9425	0.432	ng	#	96
37) Benzo(b)fluoranthene	22.61	252	8831	0.357	ng		99
38) Benzo(k)fluoranthene	22.66	252	10525	0.398	ng		99
39) Benzo(a)pyrene	23.15	252	8319	0.390	ng		99
40) Dibenzo(a,h)anthracene	25.36	278	7331	0.336	ng		98
41) Benzo(g,h,i)perylene	25.97	276	8303	0.345	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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